


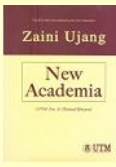
**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN
AGENS NUKLEAR MALAYSIA
JUN 2018**



KOLEKSI BUKU / MONOGRAF

BIL	KUJIT	JUDUL / PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKAH
1		PEMROFILAN PANGKALAN DATA KES-KES MURTAD	INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA	2015		1
2		MALAYSIAN PRODUCTIVITY BLUEPRINT : DRIVING PRODUCTIVITY OF THE NATION	EPU PRIME MINISTER'S DEPARTMENT	2017	97899675842108	1
3		INTERNATIONAL SYMPOSIUM ON RARE EARTHS	AKADEMI SAINS MALAYSIA	2012	97899839445886	1
4		BLUEPRINT FOR THE ESTABLISHMENT OF RARE EARTH-BASED INDUSTRIES IN MALAYSIA	AKADEMI SAINS MALAYSIA	2014	97899839445947	1
5.		BLUEPRINT FOR THE ESTABLISHMENT OF RARE EARTH-BASED INDUSTRIES IN MALAYSIA : SUMMARY FOR POLICY MAKERS	AKADEMI SAINS MALAYSIA	2014		1
6.		INTRODUCTION TO THE USE OF THE INPRO METHODOLOGY IN A NUCLEAR ENERGY SYSTEM ASSESSMENT	IAEA	2010	9789201104106	1
7.		PERKHIDMATAN AWAM : MENUJU PERUBAHAN MELANGKAU JANGKAAN	RAZAK SCHOOL OF GOVERNMENT & INSTITUT TERJEMAHAN NEGARA MALAYSIA	2011	97899830687254	1
8.		BUKU PANDUAN CUKAI BARANG DAN PERKHIDMATAN (CBP) BAGI PENIAGA	KEMENTERIAN KEWANGAN MALAYSIA			1
9.		MYWASATIYYAH : JIHAD MENDAULATKAN ISLAM, MENGEKANG EKSTREMISME AGAMA DAN PELAMPAU LIBERALISME	INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA	2015		1



10.		AGENDA DIAN DAULATKAN ISLAM AGAMA NEGARA	INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA			1
11.		ISLAM ASAS KENEGARAAN MALAYSIA	INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA			2
12.		DAULATKAN ISLAM AGAMA NEGARA	INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA	2016	9789671355909	1
13.		KOMPILOSI KAJIAN KES KONSERVASI ARTIFAK	JABATAN MUZIUM MALAYSIA	2011	9789679935998	1
14.		PELAN STRATEGIK ICT SEKTOR AWAM 2016-2020	MAMPU	2016	97899839827439	1
15.		REVITALISING THE RARE EARTH MINERAL PROGRAMME IN PENINSULAR MALAYSIA AS A STRATEGIC INDUSTRY	AKADEMI SAINS MALAYSIA	2013	97899839445947	1
16.		GIANTS OF ASIA CONSERVATIONS WITH LEE KUAN YEW: CITIZEN SINGAPORE: HOW TO BUILD A NATION	MARSHALL CAVENISH EDITIONS	2010	97899812616760	1
17.		KEAJAIBAN AIR: UBAH AIR ANDA UBAH KEHIDUPAN ANDA	GOLDEN VALLEY GLOBAL RESOURCES	2015		1
18.		HUKUM ULAMAK2 ISLAM TERHADAP SYIAH; DAHULU DAN SEKARANG	JABATAN AGAMA ISLAM SELANGOR	2013		1
19.		DAKWAH ISLAM DAN IDEOLOGI BARAT: ANCAMAN POSTMODERNISME TERHADAP UMAT ISLAM	UTUSAN PUBLICATIONS & DISTRIBUTORS SDN BHD	1998	9676108782	1

20.		ASIAN ECLIPSE : EXPOSING THE DARK SIDE OF BUSINESS IN ASIA	JOHN WILEY & SONS	2001	0471479128	1
21.		NEW ACADEMIA : UTM AS A GLOBAL BRAND	PENERBIT UTM	2012	9789835208447	1

**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN
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JUN 2018**





KOLEKSI LAPORAN

BIL	KULIT	JUDUL / PENGARANG	PENERBIT	TAHUN	JUMLAH NASKHAH
1		DEVELOPMENT OF INNOVATIVE NUCLEAR TECHNOLOGY (WITH THE SPIN-OFF) BASED ON THORIUM (FP0214D052(DSTIN)) : THORIUM RESOURCE POTENTIAL IN PENINSULAR MALAYSIA	JABATAN MINERAL DAN GEOSAINS MALAYSIA	2016	1
2		DEVELOPMENT OF INNOVATIVE NUCLEAR TECHNOLOGY (WITH THE SPIN-OFF) BASED ON THORIUM (FP0214D052(DSTIN)) : THORIUM RESOURCE EVALUATION AT KELAU BASIN, RAUB, PAHANG	JABATAN MINERAL DAN GEOSAINS MALAYSIA	2017	1

**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN
AGENSI NUKLEAR MALAYSIA
JUN 2018**



KOLEKSI BULETIN / MAJALAH / JURNAL (SERIAL)

BIL	KULIT	JUDUL / BAHAN	PENERBIT	KELUARANISU				BIL / NASKHAH
				VOL	NO. ISU	BULAN	TAHUN	
1		RAKAN SARAWAK	FARADALE MEDIA-M SDN BHD			OKT-DIS	2017	3
2		SCIENTIAMARDI	MARDI	011		MAR	2018	1

3.		BULETIN ISTANA NEGARA	ISTANA NEGARA				2017	2
4.		BULETIN ISTANA NEGARA	ISTANA NEGARA	BIL 1	JAN- MAC		2018	1
5.		MALAYSIAN CHAMBERS OF MINES ANNUAL REPORT	MALAYSIAN CHAMBERS OF MINES				2017	1
6.		DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA		JUN		2018	1
7.		DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA		JUN		2018	2
8.		READER'S DIGEST	RD ASIA PTE LTD		JUN		2018	2
9.		SOLUSI	TELAGA BIRU	115			2018	2
10.		SOLUSI	TELAGA BIRU	116			2018	2
11.		WANITA	UTUSAN MELAYU		JUN		2018	2
12.		AL ISLAM	UTUSAN MELAYU		JUN		2018	2
13.		KELUARGA	KARANGKRAF		MEI / JUN		2018	2
14.		THE PETRI DISH	MALAYSIAN BIOTECHNOLOGY INFORMATION CENTRE MONASH UNIVERSITY MALAYSIA		JUN		2018	2

TERBITAN IAEA YANG TERKINI (JUN 2018)

1. International Conference on Operational Safety Proceedings of an International Conference Held in Vienna, Austria, 23–26 June 2015



This proceedings publication presents the essential content of the 2015 IAEA international conference on the operational safety of nuclear power plants. Although conferences on this topic are conducted regularly, this was the first one after the earthquake in 2011 that caused the accident at the Fukushima-Daiichi nuclear power plant. The conference brought together a broad range of participants including nuclear utilities, regulators, governments and academia. The topics covered operational safety, culture for safety, effective use of operating experience and the safety of long term operations, amongst others. A fresh perspective was added by representatives of other industries that deal with significant potential hazards. This publication, available exclusively in digital format, provides the reader with the opening and closing addresses, summaries of all sessions and the majority of the papers and posters accepted for the conference.

STI/PUB/1826, CD-ROM; 2018; ISBN: 978-92-0-152118-7, English, 20.00 Euro

<https://www-pub.iaea.org/books/iaeabooks/12285/International-Conference-on-Operational-Safety>

2. Operating Experience Feedback for Nuclear Installations Specific Safety Guide



[IAEA Safety Standards Series](https://www-pub.iaea.org/books/iaeabooks/12293/Operating-Experience-Feedback-for-Nuclear-Installations) No. SSG-50

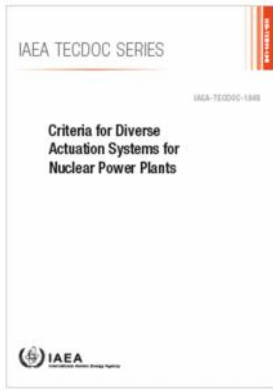
Subject Classification: 0603-Nuclear power plants

STI/PUB/1805; (ISBN:978-92-0-100918-0); 45 pp.; 2 figures; €30.00; Date Published: 2018

A robust operating experience programme prevents or minimizes the risk of future events by learning from events that have already occurred. This Safety Guide provides recommendations for establishing, implementing, assessing and continuously improving an operating experience programme for nuclear installations. The publication is primarily aimed at operating organizations and regulatory bodies responsible for nuclear installation and describes their roles and responsibilities in the overall operating experience programme. However, this publication is also of relevance to other organizations involved in the design, construction, commissioning, operation and decommissioning of nuclear installations, including technical support organizations, vendor companies, research establishments and universities.

<https://www-pub.iaea.org/books/iaeabooks/12293/Operating-Experience-Feedback-for-Nuclear-Installations>

3. Criteria for Diverse Actuation Systems for Nuclear Power Plants



[IAEA TECDOC](#) No. 1848

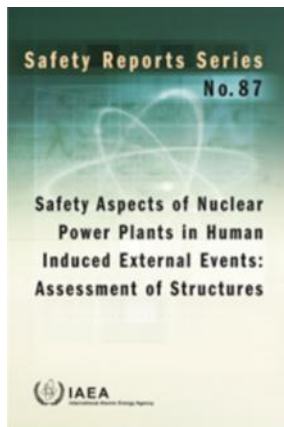
Subject Classification: 0603-Nuclear power plants

IAEA-TECDOC-1848; (ISBN:978-92-0-103518-9); 96 pp.; 17 figures; €18.00;

This publication addresses a safety concern within the protection system for nuclear power plants that might result in unacceptable consequences for certain combinations of common cause failures and postulated initiating events, especially in case of programmable digital protection systems. When this situation is encountered, a diverse actuation system is often provided to back up the reactor protection system. The publication identifies and discusses common criteria for the design of diverse actuation systems at nuclear power plants (NPPs) with the aim of developing a consensus on the adequate level of diversity in the reactor protection systems. It relates to IAEA Safety Standards Series No. SSG-39, Design of Instrumentation and Control Systems for Nuclear Power Plants, and provides specific details for utility engineers, operators, researchers, managers, and personnel responsible for all aspects of design and implementation of instrumentation and control systems of diverse actuation systems for NPPs. It will also aid Member States to support assessment of diversity in I&C architecture as a defence against common cause failures.

<https://www-pub.iaea.org/books/iaeabooks/12367/Criteria-for-Diverse-Actuation-Systems-for-Nuclear-Power-Plants>

4. Safety Aspects of Nuclear Power Plants in Human Induced External Events: Assessment of Structures [Safety Reports Series](#) No. 87



[Safety Reports Series](#) No. 87

Subject Classification: 0603-Nuclear power plants

STI/PUB/1769; (ISBN:978-92-0-101117-6); 204 pp.; 71 figures; €65.00; Date Published: 2018

This publication provides detailed guidelines for the safety assessment of nuclear power structures against mechanical impact, explosion and fire caused by human induced external events. It covers the characterization of loading, the assessment of structural integrity using both simplified methods and more elaborated methodologies, and the assessment of induced vibration. The acceptance criteria provided in the publication are for different failure modes: overall stability, overall bending and shear, local failure modes and induced vibrations. The process of analysing fire consequences is also included.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1769_web.pdf

5. Assessment of Vulnerabilities of Operating Nuclear Power Plants to Extreme External Events



[IAEA TECDOC](#) No. 1834

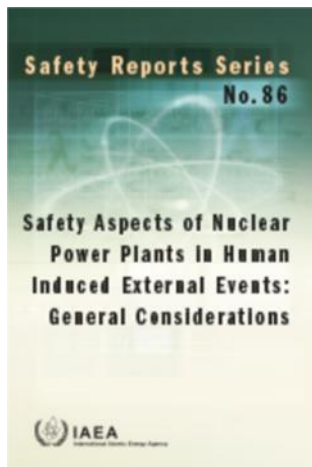
Subject Classification: 0603-Nuclear power plants

IAEA-TECDOC-1834; (ISBN:978-92-0-108817-8); 188 pp.; 25 figures; € 18.00; Date Published: 2017

The Fukushima Daiichi accident showed the need to explore scenarios where external hazards exceed the design basis. Knowledge of plant behaviour along those scenarios helps improve global safety, since the weak points can be identified and measures to limit the progression of potential accidents or to mitigate their consequences can be introduced. Based on an IAEA methodology document for Member States issued in 2011, the current publication expands the previous version by giving a more comprehensive approach and introducing the enhancements that could be identified from the research developments and practical applications in the recent years.

https://www-pub.iaea.org/MTCD/Publications/PDF/TE1834_web.pdf

6. Safety Aspects of Nuclear Power Plants in Human Induced External Events: General Considerations



[Safety Reports Series](#) No. 86

Subject Classification: 0603-Nuclear power plants

STI/PUB/1721; (ISBN:978-92-0-111015-2); 88 pp.; 3 figures; €41.00; Date Published: 2017

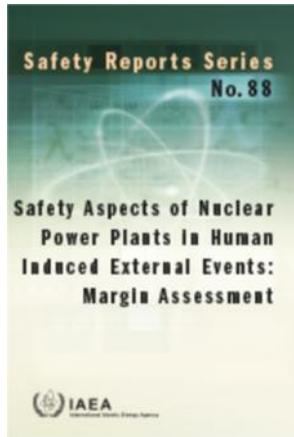
Subject Classification: 0603-Nuclear power plants

STI/PUB/1721; (ISBN:978-92-0-111015-2); 88 pp.; 3 figures; € 41.00; Date Published: 2017

This publication gives the general roadmap on how to perform the design and evaluation of the protection of nuclear power plants against human induced external hazards, consistent with IAEA safety standards. The publication concentrates on an overall view of the methodology and on the important considerations for its application to existing and new nuclear power plants. Topics covered include elements of the design/evaluation approach, developed in five phases: event identification; load characterization; design and assessment approaches; plant performance assessment and acceptance criteria; and operator response. The publication provides an approach to the assessment of extreme human induced external events which is fully consistent with the methods used for evaluation of nuclear facilities subjected to extreme natural events, such as earthquakes and floods.

https://www-pub.iaea.org/MTCD/Publications/PDF/P1721_web.pdf

7. Safety Aspects of Nuclear Power Plants in Human Induced External Events: Margin Assessment



[Safety Reports Series](#) No. 88

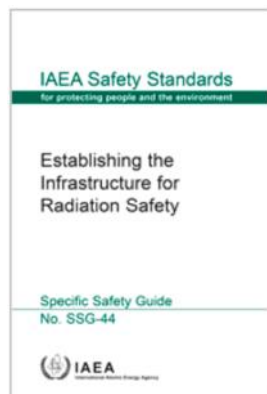
Subject Classification: 0603-Nuclear power plants

STI/PUB/1723; (ISBN:978-92-0-111415-0); 102 pp.; 13 figures; €42.00; Date Published: 2017

This publication describes the procedures for calculating the margins of nuclear power plants in relation to human induced external hazards. It focuses on plant and systems performance evaluations. A two level approach for margin assessment is provided. The first level consists of a deterministic procedure in which, for each scenario, the existence of at least one undamaged success path to comply with the fundamental safety function is investigated. This procedure can be subsequently extended to calculate probability measures such as conditional core damage probability and the conditional probability of spent fuel damage. In the most elaborated stage, probabilistic safety assessment (PSA) techniques are introduced, giving consideration to the probabilistic aspects of the hazards and of the capacity of structures, systems and components (fragility). Event tree and fault tree models are used to compute PSA metrics, such as core damage frequency, large early release frequency and frequency of spent fuel damage.

https://www-pub.iaea.org/MTCD/Publications/PDF/P1723_web.pdf

8. Establishing the Infrastructure for Radiation Safety Specific Safety Guide



[IAEA Safety Standards Series](#) No. SSG-44

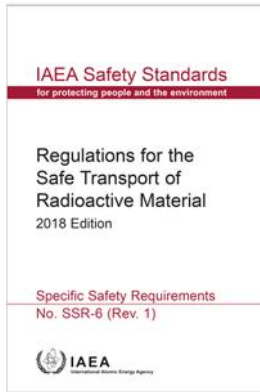
Subject Classification: 0600-Nuclear and Radiological Safety

STI/PUB/1773; (ISBN:978-92-0-101517-4); 85 pp.; 2 figures; €42.00; Date Published: 2018

The objective of this Safety Guide is to provide guidance on the establishment of the national radiation safety infrastructure that meets the IAEA safety standards. It provides recommendations, in the form of actions, on meeting the relevant Safety Requirements in an effective and integrated manner while taking specific national circumstances into full consideration. This Safety Guide does not diminish the application of, or provide a synopsis of or a substitute for, the IAEA Safety Fundamentals and Safety Requirements publications or other associated Safety Guides. Rather it sets out a holistic approach to the establishment of the national radiation safety infrastructure and provides advice for the application of IAEA safety standards for both, States having essentially no elements of the radiation safety infrastructure in place, and those that already have some.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1773_web.pdf

9. Regulations for the Safe Transport of Radioactive Material (2018 Edition) Specific Safety Requirements



[IAEA Safety Standards Series](#) No. SSR-6 (Rev.1)

Subject Classification: 0606-Transport of radioactive material

STI/PUB/1798; (ISBN:978-92-0-107917-6); 165 pp.; 7 figures; €49.00; Date Published: 2018

The transport of radioactive material is an essential activity worldwide. Both safety and security during transport are matters of national and international importance. This publication is the latest edition of the IAEA Safety Requirements for the safe transport of radioactive material. It is supported by six IAEA Safety Guides which provide explanation and guidance for the SSR-6 requirements to facilitate harmonized implementation. The SSR-6 Regulations apply to the transport of radioactive material by all modes on land, water, or in the air, including transport that is incidental to the use of the radioactive material. Transport comprises all operations and conditions associated with, and involved in, the movement of radioactive material; these include the design, manufacture, maintenance and repair of packaging, and the preparation, consigning, loading, carriage including in-transit storage, unloading and receipt at the final destination of loads of radioactive material and packages. These requirements form an integral part of regulations worldwide, therefore SSR-6 and its associated guidance documents are a requisite source of guidance information for governments, regulators, and all individuals involved in the aforementioned activities of transport of radioactive material.

These requirements are adopted into the UN Model Regulations which are subsequently adopted by the IMDG Code by the International Maritime Organisation for shipment by sea and by the International Civil Aviation Organization Technical Instructions for shipment by air. Both the IMDG Code and the ICAO Technical Instructions are globally implemented and mandatory. Land transport is the responsibility of the national government of each Member State, and the SSR-6 requirements are adopted for national transport safety regulations for shipments on land.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1798_web.pdf

10. Operating Experience Feedback for Nuclear Installations Specific Safety Guide



[IAEA Safety Standards Series](#) No. SSG-50

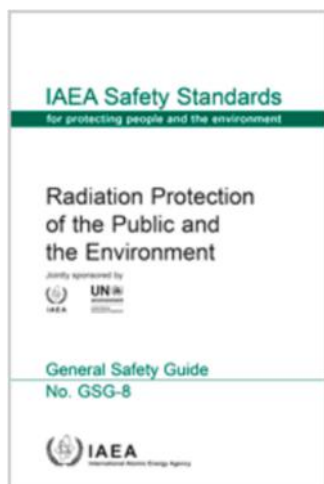
Subject Classification: 0603-Nuclear power plants

STI/PUB/1805; (ISBN:978-92-0-100918-0); 45 pp.; 2 figures; €30.00; Date Published: 2018

A robust operating experience programme prevents or minimizes the risk of future events by learning from events that have already occurred. This Safety Guide provides recommendations for establishing, implementing, assessing and continuously improving an operating experience programme for nuclear installations. The publication is primarily aimed at operating organizations and regulatory bodies responsible for nuclear installation and describes their roles and responsibilities in the overall operating experience programme. However, this publication is also of relevance to other organizations involved in the design, construction, commissioning, operation and decommissioning of nuclear installations, including technical support organizations, vendor companies, research establishments and universities.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1805_web.pdf

11. Radiation Protection of the Public and the Environment General Safety Guide



[IAEA Safety Standards Series](#) No. GSG-8

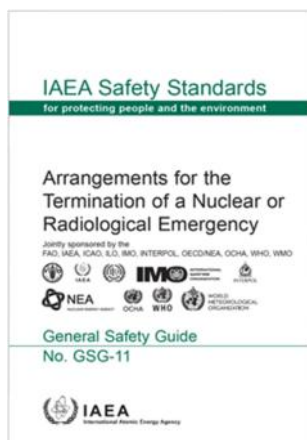
Subject Classification: 0609-Radiation protection

STI/PUB/1781; (ISBN:978-92-0-102517-3); 51 pp.; €40.00; Date Published: 2018

This Safety Guide provides guidance on the implementation of the requirements in the International Basic Safety Standards, IAEA Safety Standards Series No. GSR Part 3, in relation to protection of the public and the environment against radiation risks. It provides generic guidance on the application of the radiation protection principles of justification, of optimization of protection and safety, and of dose limits. The publication covers the protection of the public and the environment in all exposure situations — planned, emergency and existing.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1781_web.pdf

12. Arrangements for the Termination of a Nuclear or Radiological Emergency General Safety Guide



[IAEA Safety Standards Series](#) No. GSG-11

Subject Classification: 0610-Accident response

STI/PUB/1796; (ISBN:978-92-0-108017-2); 189 pp.; €53.00; Date Published: 2018

This publication provides guidance and recommendations on arrangements to be made at the preparedness stage, as part of overall emergency preparedness, for the termination of a nuclear or radiological emergency and the subsequent transition from the emergency exposure situation to either a planned exposure situation or an existing exposure situation. It elaborates the prerequisites that need to be fulfilled so that responsible authorities can declare the nuclear or radiological emergency ended and it gives detailed guidance on adapting and lifting protective actions. This publication, jointly sponsored by 10 international organizations (FAO, IAEA, ICAO, ILO, IMO, INTERPOL, OECD/NEA, UN OCHA, WHO and WMO) is intended to assist Member States in the application of IAEA Safety Standards Series Nos GSR Part 3 and GSR Part 7.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1796_web.pdf

13. Safety of Nuclear Fuel Cycle Facilities Specific Safety Requirements



[IAEA Safety Standards Series](#) No. SSR-4

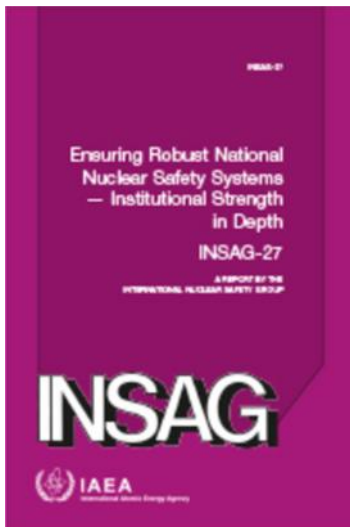
Subject Classification: 0602-Fuel fabrication and storage

STI/PUB/1791; (ISBN:978-92-0-103917-0); 135 pp.; 1 figures; €48.00; Date Published: 2017

This Safety Requirements publication establishes a basis for safety and for safety assessment at all stages in the lifetime of nuclear fuel cycle facilities. A broad scope of requirements is established for site evaluation, design, construction, commissioning, operation and preparation for decommissioning that must be satisfied to ensure safety. These requirements apply to facilities for conversion, enrichment, nuclear fuel production, storage of fresh and spent fuels, reprocessing, preparation for disposal and associated research and development facilities.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1791_web.pdf

14. Ensuring Robust National Nuclear Safety Systems — Institutional Strength in Depth A Report by the International Nuclear Safety Group



[INSAG Series](#) No. 27

Subject Classification: 0600-Nuclear and Radiological Safety

STI/PUB/1779; (ISBN:978-92-0-102317-9); 24 pp.; 4 figures; €24.00; Date Published: 2017

Defence in depth has become a fundamental aspect of the analysis of the adequacy of technical systems to assure nuclear power plant safety. It is a comprehensive approach to providing a systematic means to analyse and assure layers of systems to prevent or mitigate accidents. This publication is intended to provide a philosophy to guide the thinking about the institutional structures necessary to assure nuclear safety. It refers to the three important institutional subsystems – the industry, regulator and stakeholders – and describes the interfaces that should be nurtured among these as well as within each subsystem. The publication is intended to serve as a fundamental tool in the continuing efforts to strengthen nuclear safety.

https://www-pub.iaea.org/MTCD/Publications/PDF/P1779_web.pdf



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